

### **AMENDMENT TO THE ABSTRACT**

Please amend the Abstract as follows:

A roaming service method for a fast and secure wireless network is provided. In an embodiment of the present invention, an AP, which an STA associates with, transmits ~~proactive~~security keys needed for roaming to neighbor APs of the AP. When the STA moves to one of the neighbor APs, a reassociation is carried out between the STA and the neighbor AP using the already provided ~~proactive~~security key. In another embodiment of the present invention, an authentication server transmits ~~proactive~~security keys needed for roaming to neighbor APs to which the STA is likely to move, so that when the STA moves to one of the neighbor APs, a reassociation is carried out between the STA and the neighbor AP using the already provided ~~proactive~~security key.